

FIG. 1

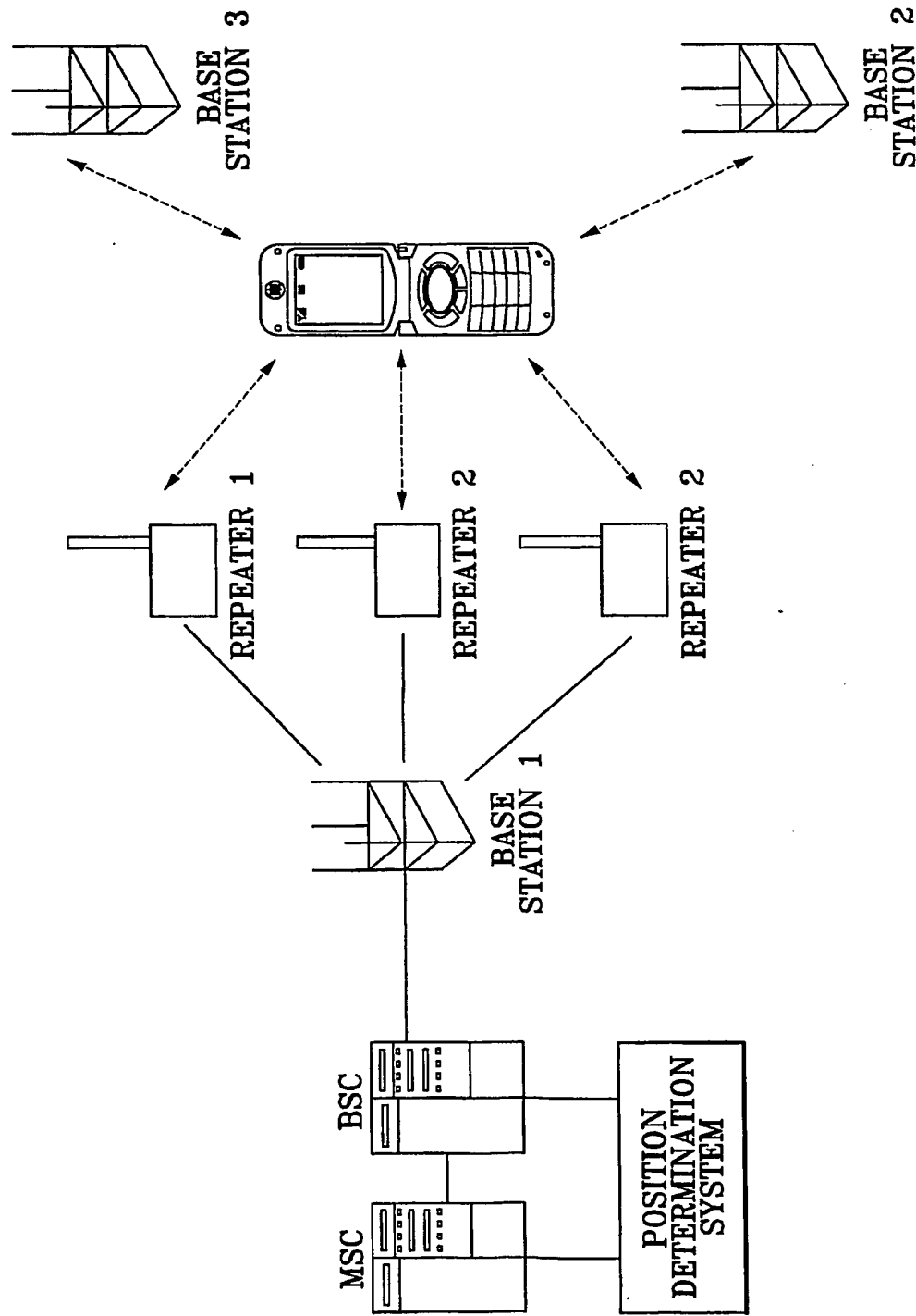
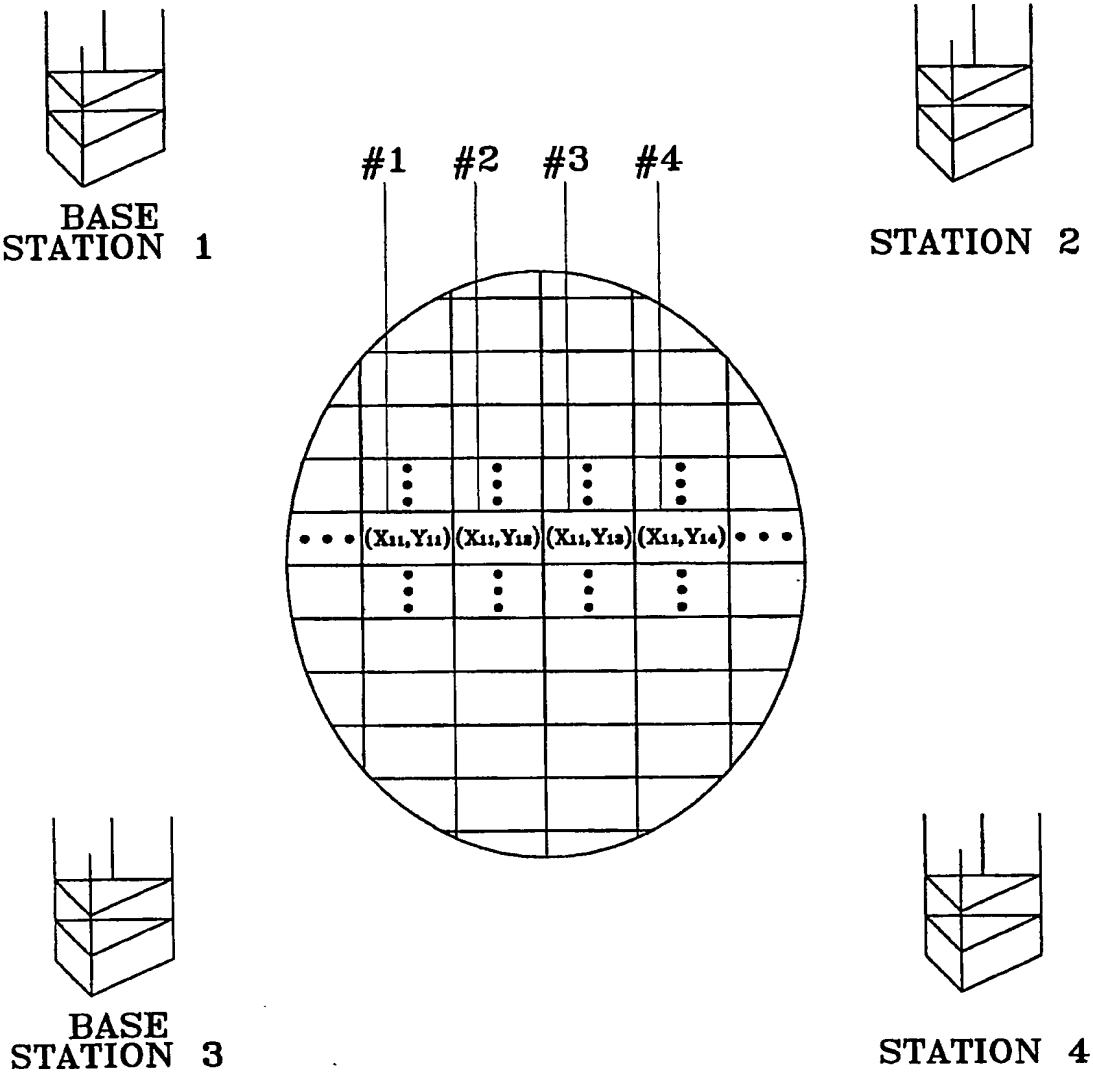
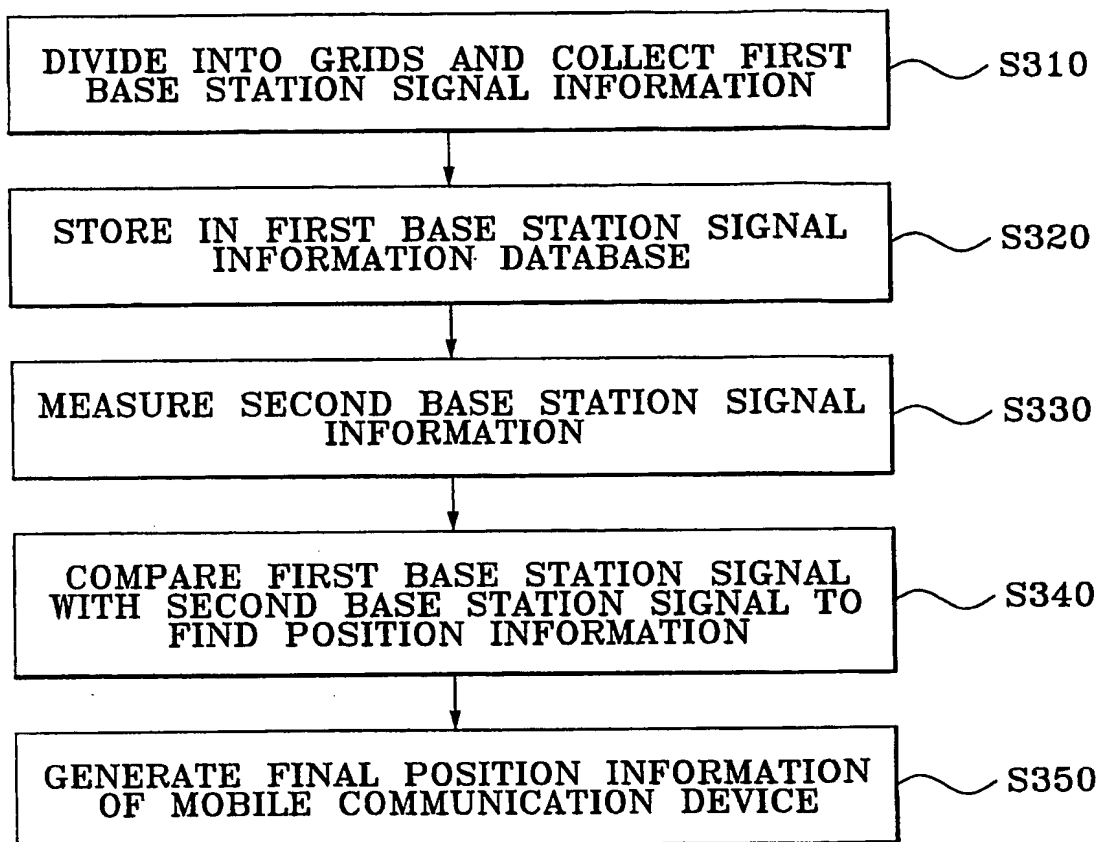


FIG. 2



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FIG. 3



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FIG. 4

GRID IDENTIFIER	POSITION INFORMATION	FIRST BASE STATION SIGNAL INFORMATION			
		PN PHASE LIST	PN OFFSET	PN PHASE DELAY	PN STRENGTH
#1	$(X_{11}, Y_{11})$	417600	403	-8.5CHIP	14
		233425	207	-7CHIP	48
		75931	704	-4CHIP	17
		413388	803	2CHIP	26
#2	$(X_{11}, Y_{12})$	37234	401	-5CHIP	18
		21540	594	3CHIP	11

FIG. 5

PN PHASE	PN OFFSET (① +512)/ 1024	PN PHASE DELAY ① - (② × 1024)	PN PHASE DELAY RELATIVE PHASE DIFFERENCE ③ - ⑦	PN PHASE	PN OFFSET (⑤ +512)/ 1024	PN PHASE DELAY ⑤ - (⑥ × 1024)
①	②	③	④	⑤	⑥	⑦
28457	28	-215	45	44796	44	-260

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FIG. 6

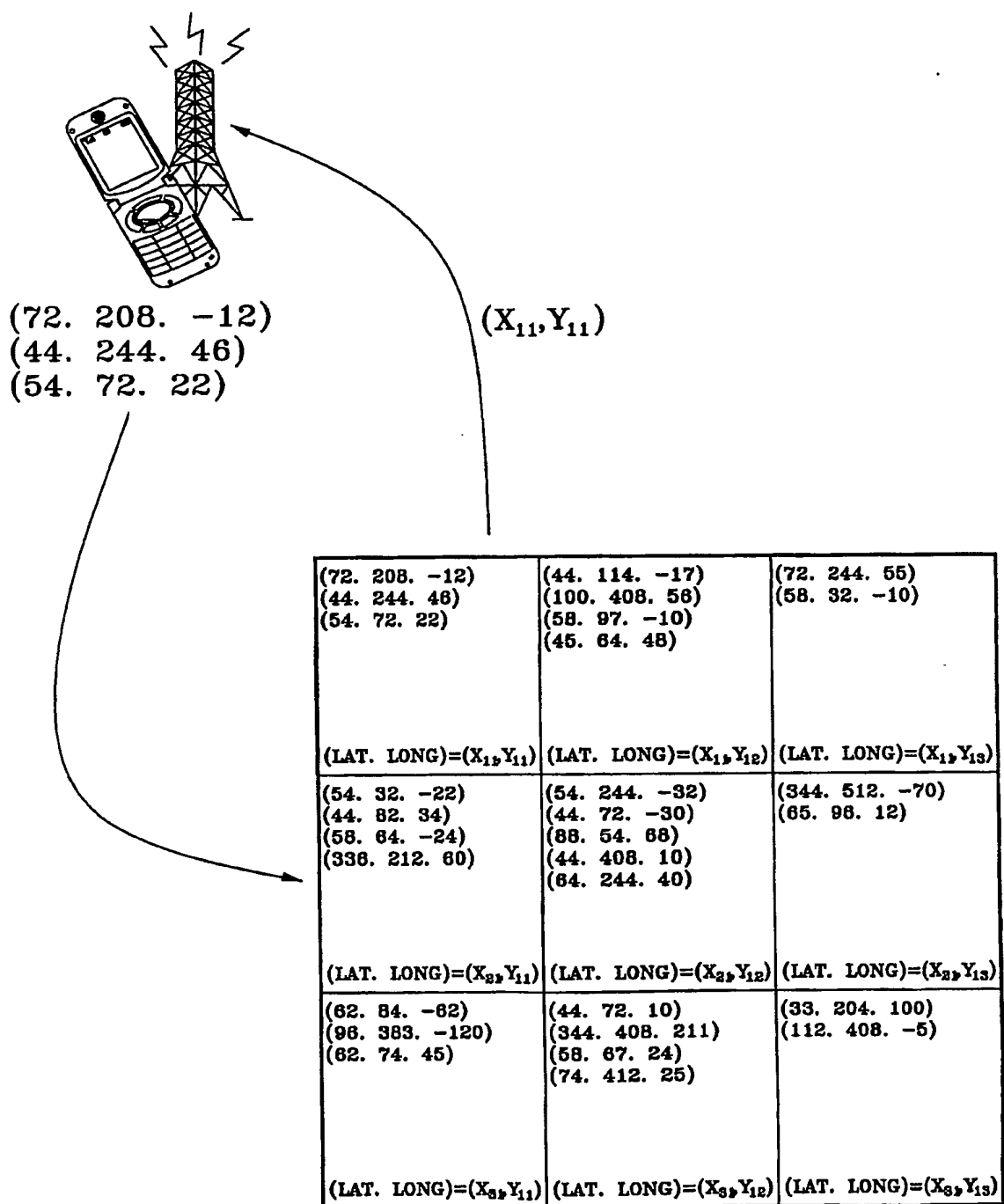
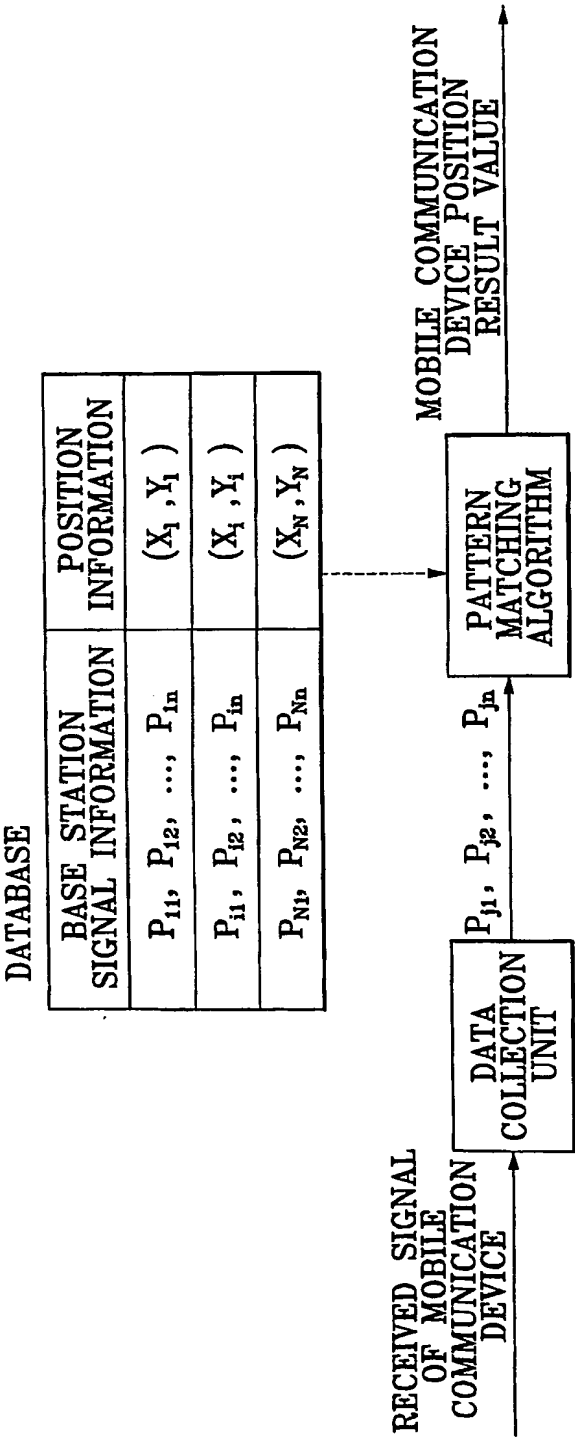
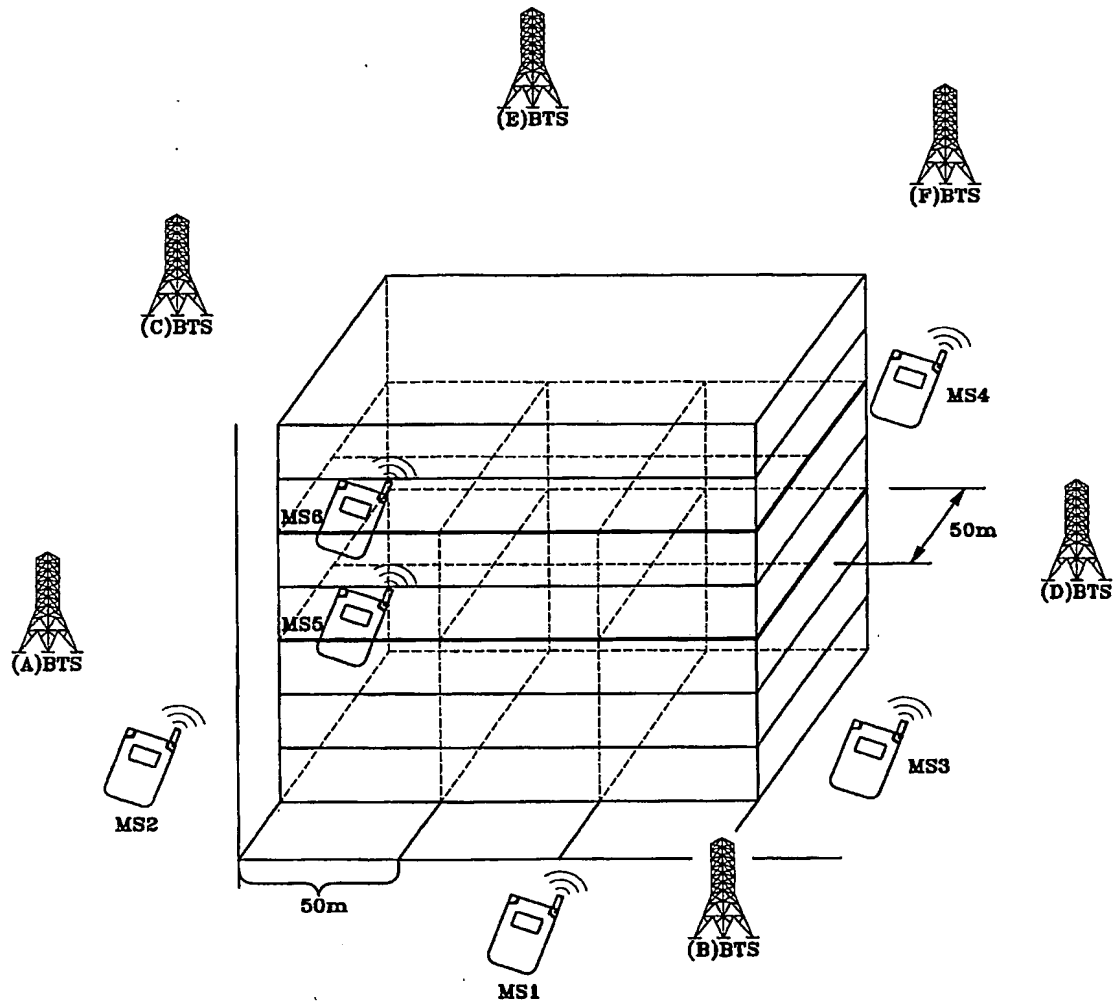


FIG. 7



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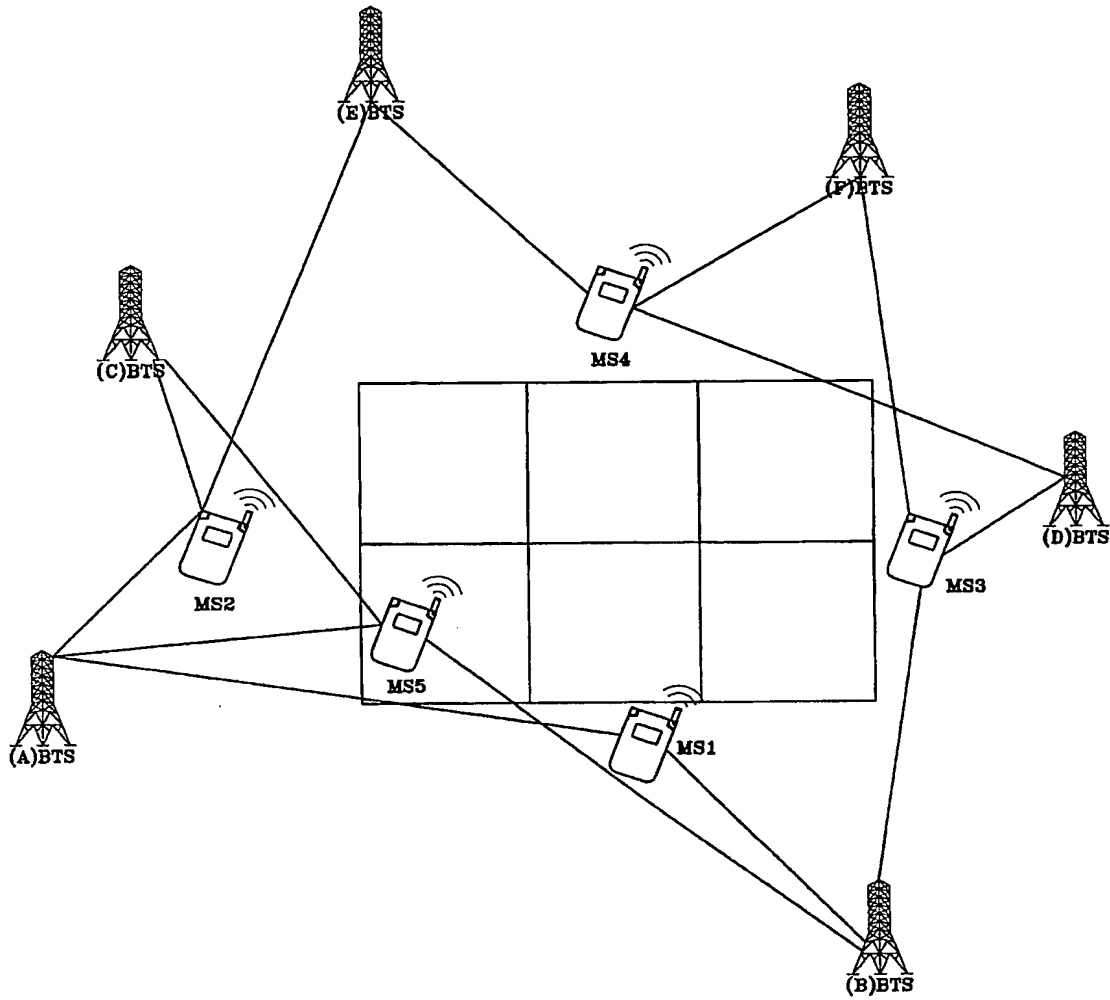
FIG. 8





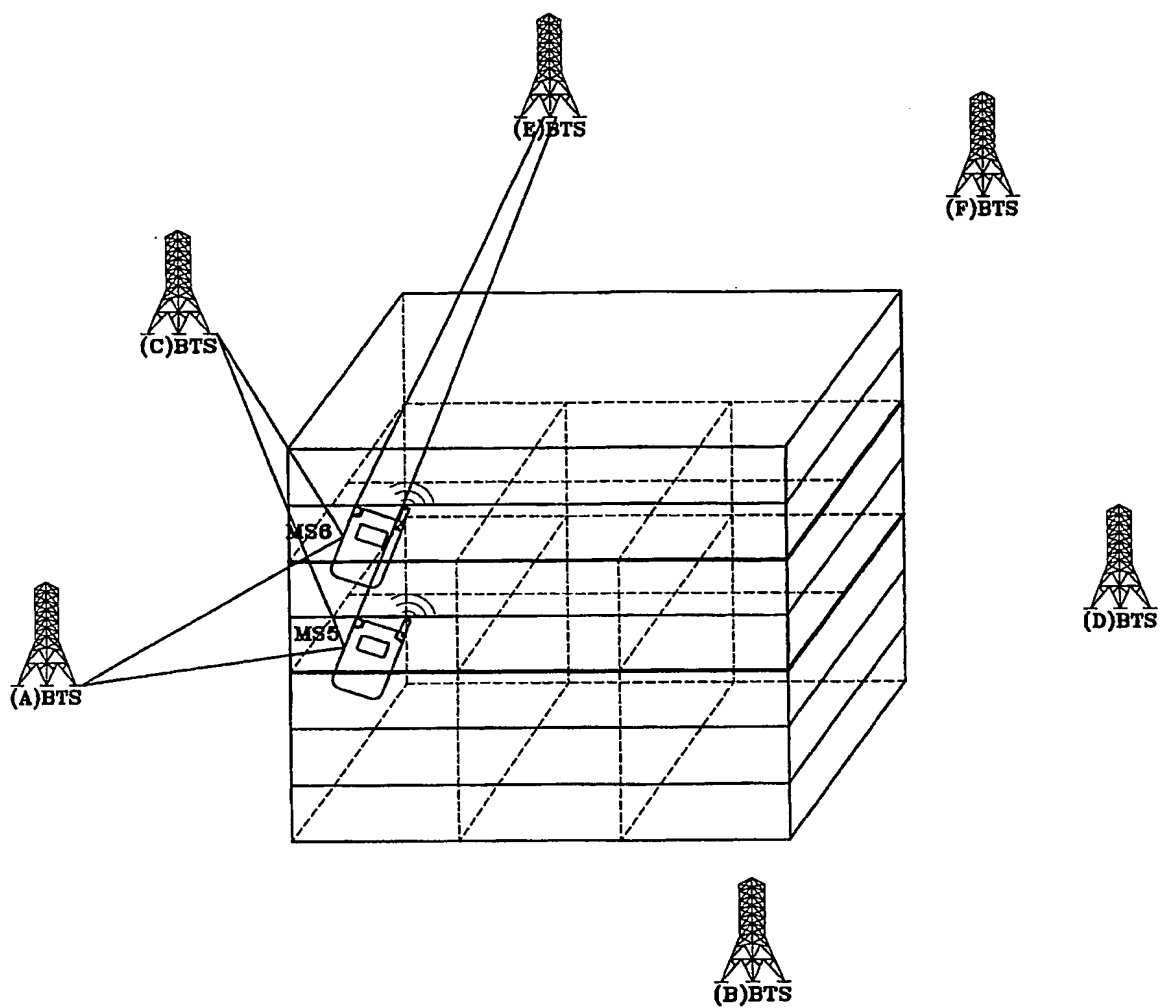
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FIG. 9



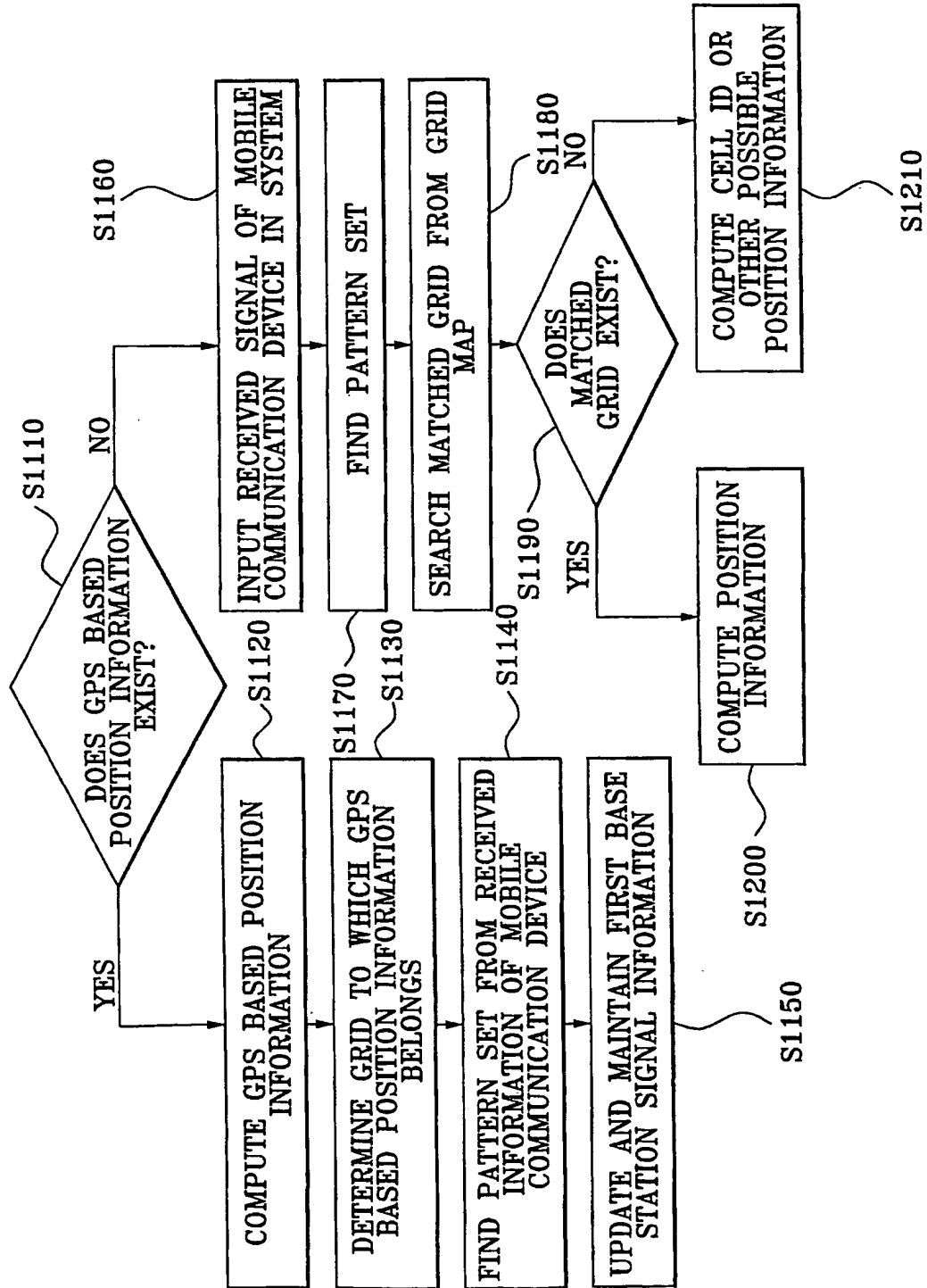
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FIG. 10



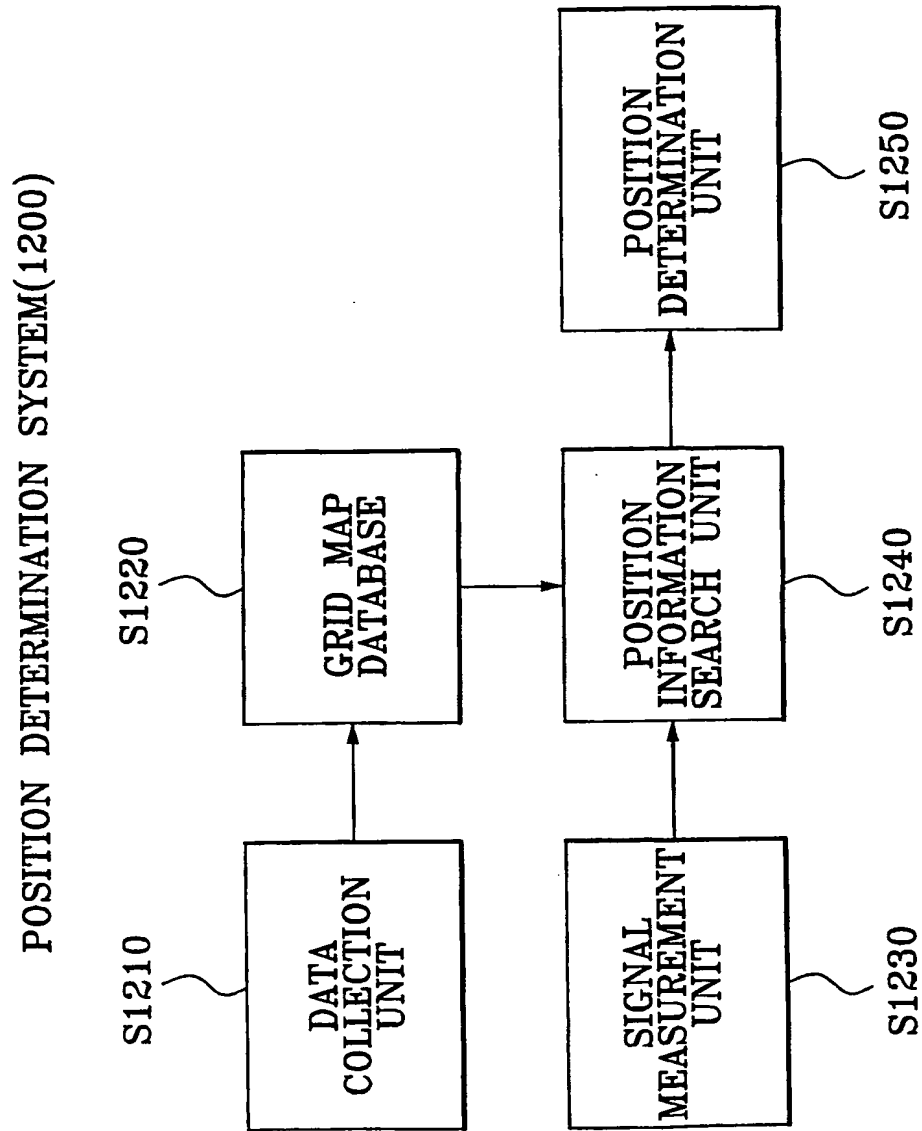
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FIG. 11



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FIG. 12



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**FIG. 13**

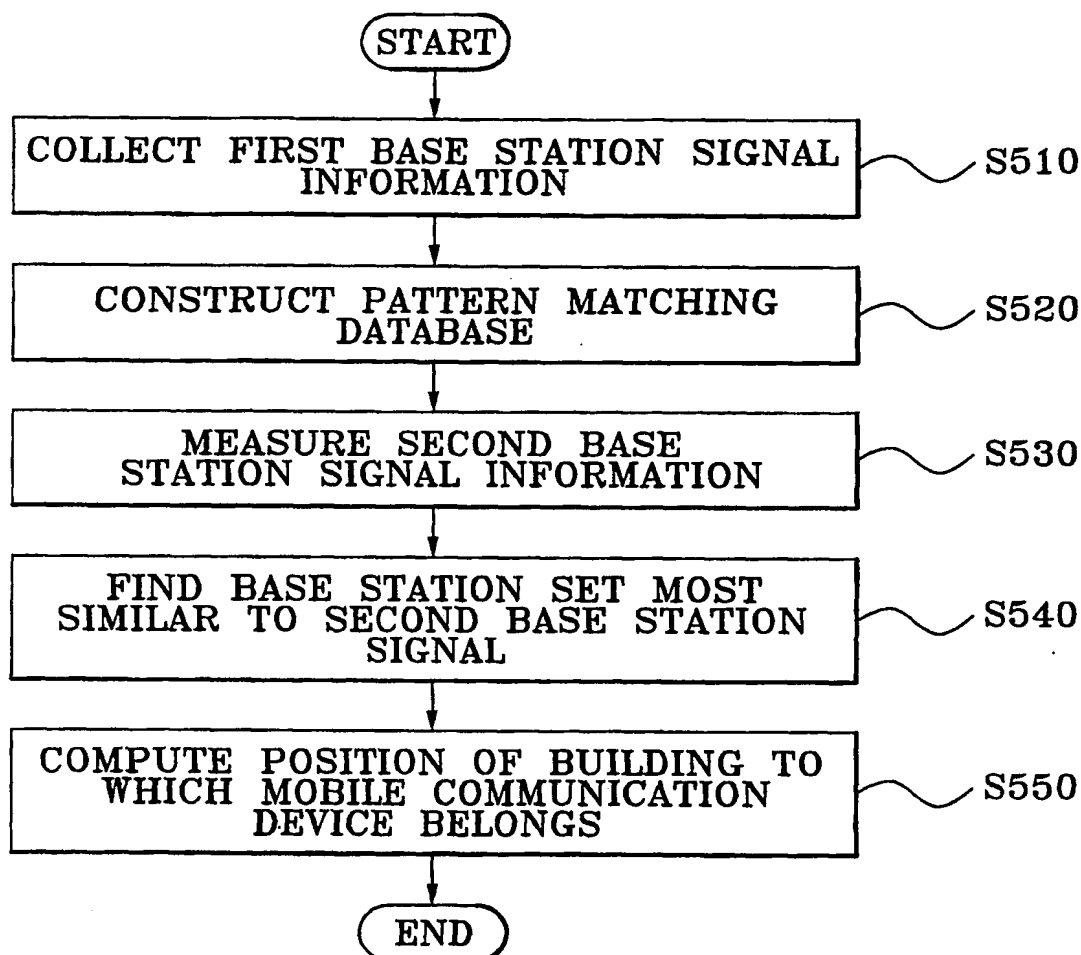
BASE STATION ID	PN PHASE DELAY	PN STRENGTH
417605	-11.7 CHIP	14
450395	-5.7 CHIP	34
294596	-3.7 CHIP	56

FIG. 14

SIGNAL INFORMATION COLLECTED FROM CERTAIN BUILDING FOR EACH BASE STATION		BASE STATION SET	POSITION OF BASE STATION AND REPEATER	LATITUDE AND LONGITUDE FOR EACH CERTAIN BUILDING	ADDRESS FOR EACH CERTAIN BUILDING
BASE STATION A	(BASE STATION ID, RANGE OF PN PHASE DELAY, RANGE OF PN STRENGTH)	A	(LATITUDE, LONGITUDE)	(LATITUDE, LONGITUDE)	IL-YANG BUILDING 206 NONHYUN-DONG KANGNAM-GU, SEOUL
BASE STATION B	(BASE STATION ID, RANGE OF PN PHASE DELAY, RANGE OF PN STRENGTH)	B	(LATITUDE, LONGITUDE)		
BASE STATION C	(BASE STATION ID, RANGE OF PN PHASE DELAY, RANGE OF PN STRENGTH)	C	(LATITUDE, LONGITUDE)		
BASE STATION F	(BASE STATION ID, RANGE OF PN PHASE DELAY, RANGE OF PN STRENGTH)	F	(LATITUDE, LONGITUDE)	(LATITUDE, LONGITUDE)	BAE-YANG BUILDING 875-21 BANGBAE-DONG SEOCHO-GU, SEOUL
BASE STATION K	(BASE STATION ID, RANGE OF PN PHASE DELAY, RANGE OF PN STRENGTH)	K	(LATITUDE, LONGITUDE)		
BASE STATION L	(BASE STATION ID, RANGE OF PN PHASE DELAY, RANGE OF PN STRENGTH)	L	(LATITUDE, LONGITUDE)		

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FIG. 15



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FIG. 16

